

Claims

1. A machining apparatus (1) having a frame (2) for the machining of a workpiece (3) and having a tool holder (4) that is mounted such that it can be shifted in a straight line in three axial directions (x, y, z) relative to a workpiece support (5) that is mounted beneath the tool holder (4), the workpiece support (5) being designed such that it can swivel the workpiece (3) about at least one axis (A, B),

characterized by

10 a workpiece-holding table (6) being designed such that it bridges the workpiece support (5) and can thus be firmly attached to the frame (2).

2. The machining apparatus according to claim 1,
characterized in that

15 the workpiece support (5) is designed such that it can shift the workpiece (3) along two axes (A, B) that are perpendicular to each other, one axis being a swivel axis (A), the other one being a rotational axis (B).

3. The machining apparatus according to claim 1 or 2,
characterized in that

20 the workpiece-holding table (6) can be attached to the frame (2) by a screw connection (10).

4. The machining apparatus according to one of claims 1
to 3,

characterized in that

the workpiece-holding table (6) has two projecting arms (11) on its lateral extremities by means of which it can be attached to the frame (2).

5 5. The machining apparatus according to one of claims 1 to 4,

characterized in that

the workpiece-holding table (6) has on its side (12) facing the tool holder (4) when mounted in the machining apparatus (1) a plurality of fixing elements (13), in particular T-slots.

10 6. The machining apparatus according to one of claims 1 to 5,

characterized in that

the tool-holding table (6) is designed as a cast structure.

15 7. The machining apparatus according to one of claims 1 to 6,

characterized in that

it is a milling machine.